

WARRIORTIDES

VALLEY CHRISTIAN HIGH SCHOOL

SAN JOSE, CALIFORNIA, USA

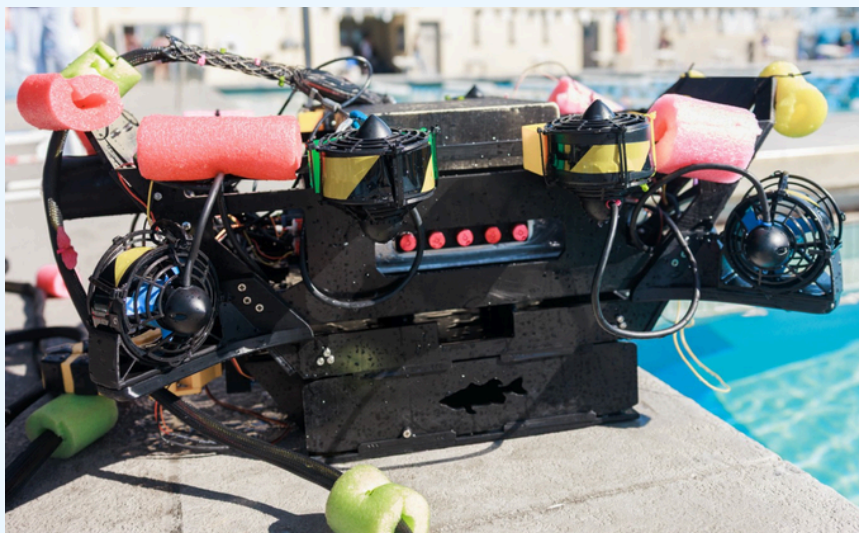
SEVENTH YEAR RETURNING RANGER TEAM

Safety Features

- Rounded edges
- Thruster shrouds
- Emergency STOP button
- Eye-catching labels
- Desiccants and Humidity Sensor
- Overcurrent protection

Special Features

- Symmetric Delrin frame
- Multi-directional thrust program for all 6 degrees of freedom
- Dual Claw design for more efficient completion of tasks
- Highly Modular PCB design
- Dual-display topside station
- Quad camera streams with sub 150ms latency
- PID maintains constant depth to 2 cm accuracy



NAUTILUS



47 miles between San Jose and the Monterey Bay Regional



23.8 kg



380 Hours



Dimensions (l x w x h)
85.2 x 49 x 31 cm



\$ 5,265

FLA: 24.6 A



Team Members: (* indicates new team members)

Arunima Garg* | CEO & Mechanical | 12th
Sophia Zhang | Co-President & Electrical | 12th
Anyu Li | Co-President & Software | 12th
Sean Tran* | Mechanical Lead | 12th
Justin Teh* | Mechanical | 11th
Aaron Huang* | Mechanical | 10th
Parth Gaba* | Electrical Lead | 11th
Rohan Upadastara* | Electrical | 11th
Kashish Kapoor* | Software Lead | 11th
Krishna Srinivas* | Software | 11th

Team Mentors:

Melissa Siemer | Program Mentor
Zachary Martino | Mechanical Mentor
Chukwuemeka Okoro | Software Mentor